

## ADDENDUM # 2

CITY OF TORRANCE  
3031 Torrance Blvd.  
Torrance, CA 90503

BID NO. B2013-33

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### Bid for Replacement of HVAC Units at Various Locations

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#### ADDENDUM # 2- Issued 8-19-13

THE FOLLOWING CHANGES ARE HEREBY INCORPORATED INTO AND MADE A MANDATORY PART OF SUBJECT BID:

The bid opening remains **Thursday, August 22, 2013 by 2:00 PM** in the City Clerk's office.

CLARIFY: Contractors shall make necessary allowance in their bid to furnish transition curb for new AC unit at Fire Station No. 2

CLARIFY: **Boiler System Control**; Contractor shall retain a control sub-contractor to furnish and install a functioning temperature control system for boiler pump and three way control valve in conjunction with the boiler manufacturer's control system and installation instruction. Following is a general sequence of operation for boiler control.

1. An adjustable outdoor air sensor through a time switch shall energize the boiler and pump circuit
2. Hot water circulating pump shall be activated prior to boiler firing.
3. Boiler shall modulate in response to a signal from water temperature sensor located in the return hot water pipe from coil
4. Three way control valve shall modulate in response to signal from a new electronic space thermostat.

Above control sequence of operation shall be coordinated and interfaced with the boiler control panel. The control sub contractor shall submit a shop drawing showing the proposed control diagram, equipment list and sequence operation for review by Engineer and the City prior to provision and installation.

CLARIFY: Page M-3, Detail #4 for F\ S #1. This unit is replacing existing unit #3 on roof.

DELETE: Requirement to provide a price for the duct smoke detector as bid alternate #1. (Ref: Addendum #1, Question #4))

**Please return this addendum with your bid proposal.**

I hereby acknowledge receipt of this addendum.

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
City State Zip Code